



MT310A

MCB 3P 6kA B-10A 3M

Technical Features

Electric current

Rated current	10 A
Rated current at 20°C	10.80 A
Rated current 30°C	10 A
Rated current 35°C	9.60 A
Rated current at 40°C	9.20 A
Rated current at 45°C	8.80 A
Rated current at 50°C	8.40 A
Rated current 55°C	8 A
Rated current 60°C	7.60 A
Rated current 70°C	6.80 A

Architecture

Type of pole	3P
Curve	B

Capacity

Number of modules	3
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Main electrical attributes

Rated short-circuit breaking capacity I_{cn} AC according to IEC 60898-1	6 kA
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Voltage

Rated operational voltage U_e	230 - 400 V
Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	4000 V

Frequency

Frequency	50 - 60 Hz
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Connection

Cross-section of input and output with screws, for massive conductors	1 - 25 mm ²
Cross-section of input and output with screws, for flexible conductors	1 - 16 mm ²

Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
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Safety

Grid distance	35 mm
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Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I^2t	3
Air humidity protection	For all climates
Operating temperature	-25 - 60 °C

Power

Total power loss under I_N	5.40 W
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Connectivity

Type of connection	Screw terminal
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Dimensions

Height	83 mm
Width	52.50 mm
Depth	70 mm

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes